

Notice of Allowability

Application No.

10/775,631

Examiner

Tu Ba Hoang

Applicant(s)

VENZKE, STEPHEN BOLIN

Art Unit

2832

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the reply filed March 14, 2006.
2. ☒ The allowed claim(s) is/are 1-32.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
|---|---|

Tu Hoang
PRIMARY EXAMINER

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EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Renee' Michelle Leveque on April 7, 2006.

The application has been amended as follows:

In claim 1, at line 6, replace "low-loss thermal" with - - low thermal resistance - -;
at line 8, after "operates", insert - - to prevent unacceptable changes in resistance in each of said resistors and to maintain operational temperatures of each of said resistors to be substantially constant, and thereby - -;
and at line 9, before "constant", insert - -total-- .

In claims 7, 8, 15, 16, 23, 24, 31, and 32, at lines 2-3, replace "may comprise" (all occurrences) with - - comprises - -.

In claim 9, at line 6, replace "low loss thermal" with - - low thermal resistance- -;
at line 8, after "operates", insert - - to prevent unacceptable changes in resistance in each of said resistors and to maintain operational temperatures of each of said resistors to be substantially constant, and thereby - -;
and at line 9, before "constant", insert - -total--.

In claim 17, at line 6, replace "low-loss thermal" with - - low thermal resistance - -;
at line 9, after "operates", insert - - to prevent unacceptable changes in resistance in each of said resistors and to maintain operational temperatures of each of said resistors to be substantially constant, and thereby - -; and before "constant", insert - -total- -.

In claim 25, at line 8, replace "low-loss thermal " with - - low thermal resistance - -;
at line 11, after "operates", insert - - to prevent unacceptable changes in resistance in each of said resistors and to maintain operational temperatures of each of said resistors to be substantially constant, and thereby - -; and before "constant", insert - -total--.

Cancel claims 33-35 without prejudice.

The following is an examiner's statement of reasons for allowance: allowance of claims 1-32 is indicated because the prior art of record does not show or fairly suggest a thermally stabilized device having a thermal linking agent for providing a low thermal resistance path between an input signal resistor/ resistors of at least a signal port and an input power resistor/resistors of at least a power port, wherein the input power signal

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provided to the input power resistor operates to prevent unacceptable changes in resistance in each of input power and input signal resistors and to maintain operational temperatures of each resistor to be substantially constant so that the total constant power dissipated within the device is maintained.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tu Ba Hoang whose telephone number is (571) 272-4780. The examiner can normally be reached on Mon-Thu from 6:00AM to 6:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Elvin Enad can be reached on (571) 272-1990. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Tu Ba Hoang
Primary Examiner
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April 07, 2006